

Historical Floods: Potomac River at Point of Rocks

Latitude: 39.274

Period of Record: 1889-Present

Longitude: -77.543

Flood Stage: 16 ft

Last Flood: 5/19/2011

Number of Floods: 113

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/2/1889	40.20	460,000	Major	*** (5)
10/1/1896	27.20	204,000	Major	*** (5)
8/12/1898	18.00	127,000	Minor	*** (5)
3/6/1899	18.10	128,000	Minor	*** (5)
4/22/1901	22.00	161,000	Moderate	*** (5)
3/2/1902	29.00	219,000	Major	*** (5)
3/1/1903	16.60	110,000	Minor	*** (!!!)
3/15/1907	17.60	119,000	Minor	***
1/13/1908	21.60	152,000	Moderate	***
6/18/1910	23.50	168,000	Moderate	***
9/1/1911	16.10	106,000	Minor	***
3/28/1913	20.00	139,000	Moderate	***
6/4/1915	20.00	139,000	Moderate	***
3/29/1916	18.30	124,000	Minor	***
3/13/1917	18.10	123,000	Minor	***
4/16/1918	18.60	127,000	Minor	***
3/6/1920	16.40	109,000	Minor	***
5/13/1924	32.20	277,000	Major	***
5/2/1928	21.30	145,000	Moderate	***
4/18/1929	24.94	180,000	Moderate	***
10/23/1929	17.40	110,000	Minor	***

5/14/1932	23.34	158,000	Moderate	none
4/21/1933	19.30	123,000	Minor	none
12/2/1934	19.78	128,000	Minor	none
2/28/1936	18.13	113,000	Minor	none
3/19/1936	41.03	480,000	Major	none
4/27/1937	33.86	310,000	Major	none
10/30/1937	24.93	175,000	Moderate	none
2/5/1939	19.39	124,000	Minor	none
5/24/1942	21.13	125,000	Moderate	none
10/16/1942	40.43	418,000	Major	none
12/31/1942	20.47	126,000	Moderate	none
9/20/1945	21.98	139,000	Moderate	none
4/15/1948	16.04	87,000	Minor	none
6/20/1949	21.20	132,000	Moderate	none
12/5/1950	20.75	128,000	Moderate	none
12/9/1950	18.42	107,000	Minor	none
6/15/1951	17.52	99,000	Minor	none
3/13/1952	17.12	95,800	Minor	none
4/29/1952	20.67	127,000	Moderate	none
11/23/1952	19.68	118,000	Minor	none
3/3/1954	18.65	109,000	Minor	none

Drainage Area: 9651 sq mi
Gage Datum: 200.63 ft MSL

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10/17/1954	21.02	130,000	Moderate	none
8/20/1955	29.08	214,000	Major	none
4/1/1960	17.35	97,800	Minor	none
4/6/1960	18.25	105,000	Minor	none
5/10/1960	20.28	124,000	Moderate	none
2/21/1961	17.90	102,000	Minor	none
2/27/1961	16.60	91,800	Minor	none
3/23/1962	19.45	116,000	Minor	none
3/7/1963	17.60	99,800	Minor	none
3/21/1963	20.47	125,000	Moderate	none
3/6/1964	16.00	87,000	Minor	none
3/6/1965	17.35	97,800	Minor	none
3/8/1967	22.53	144,000	Moderate	none
4/3/1970	16.64	92,100	Minor	none
6/23/1972	37.43	347,000	Major	none
10/8/1972	18.28	106,000	Minor	none
4/29/1973	16.58	91,600	Minor	none
12/28/1973	21.27	132,000	Moderate	none
3/21/1975	26.15	181,000	Major	none
9/26/1975	24.35	126,000	Moderate	none
1/2/1976	18.71	109,000	Minor	none

10/11/1976	27.25	193,000	Major	none
1/28/1978	21.22	132,000	Moderate	none
3/16/1978	22.01	139,000	Moderate	none
3/28/1978	18.43	107,000	Minor	none
5/17/1978	17.67	100,000	Minor	none
1/25/1979	17.29	96,900	Minor	none
2/27/1979	25.94	178,000	Major	none
9/7/1979	16.19	87,800	Minor	none
6/15/1982	16.66	92,000	Minor	none
4/26/1983	19.21	115,000	Minor	none
2/16/1984	28.14	199,000	Major	none
3/30/1984	20.80	128,000	Moderate	none
4/6/1984	19.49	117,000	Minor	none
11/7/1985	36.28	309,000	Major	none
3/16/1986	19.35	116,000	Minor	none
4/18/1987	23.49	153,000	Moderate	none
5/20/1988	17.01	96,100	Minor	none
4/23/1992	16.25	90,000	Minor	none
3/6/1993	24.94	167,000	Moderate	none
3/25/1993	18.12	105,000	Minor	none
4/3/1993	18.19	106,000	Minor	none

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4/18/1993	20.17	123,000	Moderate	none
11/29/1993	19.25	115,000	Minor	none
2/25/1994	16.03	88,200	Minor	none
3/11/1994	17.78	102,000	Minor	none
3/30/1994	19.00	113,000	Minor	none
1/21/1996	36.34	310,000	Major	none
1/28/1996	16.53	92,200	Minor	none
3/21/1996	16.60	92,800	Minor	none
9/8/1996	36.26	309,000	Major	none
11/9/1997	17.37	99,100	Minor	none
1/10/1998	20.07	122,000	Moderate	none
2/6/1998	17.99	104,000	Minor	none
2/19/1998	18.23	106,000	Minor	none
3/22/1998	20.24	123,000	Moderate	none
1/3/2003	16.25	89,970	Minor	none
2/24/2003	16.50	91,990	Minor	none
3/22/2003	16.85	94,820	Minor	none
9/21/2003	23.12	150,000	Moderate	none
12/12/2003	19.58	18,000	Minor	none
9/30/2004	17.25	98,100	Minor	none
3/30/2005	19.37	116,000	Minor	none

4/17/2007	17.00	96,000	Minor	none
5/13/2008	16.99	96,000	Minor	none
5/6/2009	17.50	100,000	Minor	none
1/26/2010	21.42	134,000	Moderate	none
3/15/2010	25.52	172,000	Major	none
3/12/2011	19.92	121,000	Minor	none
4/18/2011	22.52	144,000	Moderate	none
5/19/2011	22.15	141,000	Moderate	none

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Date of Flood

Crest (ft)

Streamflow (cfs)

Category

Code

-9999 signifies missing data

MARFC Codes

Code	Description
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(!!!)	Datum changed during this year.
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(1)	Backwater Effect.
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(2)	15.77 ft also occurred on 11/25/1950 but only counted as one flood.
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(3)	Estimated from current USGS rating table.
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(4)	Estimated height from the USGS.
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(5)	Gage height at a different site and/or datum
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(6)	Discharge affected by Regulation or Diversion
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(7)	Due to changes, prior floods were based on present flood stage. Therefore, flood data could possibly be incomplete.
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(8)	Gage is a staff gage and not the official USGS gage. Therefore, some floods may be missing from our study.
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(9)	Discharge effected by snow-melt, ice jam or debris jam break up
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(A)	Discharge affected to unknown degree by regulation or diversion.
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(B)	Month or day of occurrence is unknown or not exact.
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(C)	All or part of the record affected by urbanization, mining, agricultural changes, channelization, or other factors.
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(D)	Crest height adjusted to current datum.
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(E)	Estimated discharge.
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(F)	Only annual maximum peak available for this year.
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(O)	This flood occurred at a previous flood stage that is lower than the current flood stage. This is only a historical flood.
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**	Crest information looks reasonable despite potential problems. This data was used in our study.
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***	Crest information looks unreliable and incomplete and was not used in our flood frequency study.
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****	Gauge was discontinued in 2004. 2004 and later was not used in our study.
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none	No code
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